

Foundations for Scientific Enquiry skills in the Early Years Foundation Stage

EYFS

Shows curiosity about objects, events and people Characteristic of Effective Learning - playing and exploring.

Questions why things happen Speaking 30-50mth

Engages in open ended activities Characteristic of Effective Learning - playing and exploring.

Takes a risk, engages in new experiences and learns by trial and error Characteristic of Effective Learning - playing and exploring.

Finds ways to solve problems / finds new ways to do things / tests their ideas Characteristic of Effective Learning – Creating and thinking critically.

Develop ideas of grouping, sequences, cause and effect Characteristic of Effective Learning – Creating and thinking critically

Know about similarities and differences in relation to places, objects, materials and living things ELG – The World

Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world The World 30-50mths

Closely observes what animals, people and vehicles do The World 8-20mths

Uses senses to explore the world around them Characteristic of Effective Learning - playing and exploring.

Makes links and notices patterns in their experiences Characteristic of Effective Learning – Creating and thinking critically

Chooses the resources they need for their chosen activities ELG – Self confidence and self awareness

Handles equipment and tools effectively ELG – Moving and handling

Creates simple representations of events, people and objects Being Imaginative 40-60+mths

Answers how and why questions about their experiences ELG – Understanding

Makes observations of animals and plants and explains why somethings occur, and talk about changes ELG – The World

Develop their own narratives and explanations by connecting ideas or events ELG – Speaking

Builds up vocabulary that reflects the breadth of their experiences Understanding 30-50mths